



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UTILITY PATENT APPLICATION TRANSMITTAL

FIRST NAMED INVENTOR OR APPLICATION IDENTIFIER: Robert W. Stadler, et al.  
TITLE: Implantable Medical Device Employing Sonomicrometer Output Signals for Detection and Measurement of Cardiac Mechanical Function

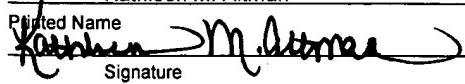
CERTIFICATE UNDER 37 CFR §1.10: I hereby certify that this Utility Patent Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service, in an envelope addressed to: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, "EXPRESS No. EV 331 791 789 US, on this 24<sup>th</sup> day of March, 2004.

22859 U.S.P.T.O.  
10/807654



Kathleen M. Altman

Printed Name

  
Signature

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

Patent Application Transmittal

Specification:

Total pages: 49 (including claims and abstract: Spec. 46 sheets; Claims 2 sheets; Abstract 1)

Drawings:

Total sheets: 19

formal  informal

Combined Declaration and Power of Attorney:

- executed  
 copy from prior application  
 Deletion of Inventor(s) - Signed statement attached deleting inventor(s) named in the prior application (37 CFR 1.63(d)(2) and 1.33(b))  
 Incorporation by Reference - *The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied above is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.*

Accompanying application parts:

- Notification of filing a  
 Assignment of the Invention to Medtronic, Inc.  
 Assignment cover sheet  
 Information Disclosure Statement  
 PTO Form 1449  
 Copies of IDS citations  
 Preliminary Amendment  
 A copy of the Petition or Conditional Petition for Extension of Time in the prior application.  
 Return Postcard

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IF A CONTINUING APPLICATION:

- Continuation  Divisional  Continuation-in-part (CIP) of prior application  
No. 10/002,338, filed on October 30, 2001, entitled **Implantable Medical Device Employing Sonomicrometer Output Signals for Detection and Measurement of Cardiac Mechanical Function**.
- Amend the specification by inserting before the first line the sentence: --This application is a \_\_\_\_\_ of application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, now allowed.--
- Cancel in this application original claims 1-54 of the prior application before calculating the filing fee.  
(At least the original independent claim must be retained for filing purposes.)
- The prior application is assigned of record to Medtronic, Inc.
- The Power of Attorney in the prior application is to: Michael C. Soldner.

- This application claims the benefit of U.S. Provisional Application(s) Serial No.(s) \_\_\_\_\_, filed \_\_\_\_\_.
- Address all future correspondence to: Michael C. Soldner, Reg. No. 41,455  
Telephone: (763) 514-4842  
Customer No. 27581

| FEE<br>CALCULATION           | No. of Claims<br>Filed | Claims Included in<br>Base Fee | No. of<br>Extra<br>Claims | Rate  | Fee       |
|------------------------------|------------------------|--------------------------------|---------------------------|-------|-----------|
| Total Claims                 | 5                      | 20 = 0                         |                           | x 18  | \$ 0.00   |
| Independent Claims           | 2                      | 3 = 0                          |                           | x 86  | \$ 0.00   |
| Multiple Dependent<br>Claims |                        |                                | 0                         | + 290 |           |
| Basic Filing Fee             |                        |                                |                           |       | \$770.00  |
|                              |                        |                                |                           | TOTAL | \$ 770.00 |

- Charge Deposit Account No. 13-2546 in the amount of \$770.00 for the filing fee.
- The Commissioner is hereby authorized to charge any fees which may be required under 37 CFR 1.16 and 1.17, or credit any overpayment to Deposit Account No. 13-2546. A duplicate of this transmittal is enclosed.

March 23, 2004

  
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